

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Brian Ballard

GENERAL INFORMATION:

Name:	NACCO Materials Handling Group, Inc.
Address:	2200 Menelaus Road, Berea, Kentucky 40403
Date application received:	September 28, 2004
SIC/Source description:	3537/Industrial Trucks and Tractors
AFS(10-digit) Plant ID:	21-151-00035
Application log number:	
Permit number:	F-04-005 (Revision 1)

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<u> </u> Administrative	<input type="checkbox"/> Title V
<u> </u> Minor	<input checked="" type="checkbox"/> Synthetic minor
<u>x</u> Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
VOC	21.13	1259	90.0*
PM/PM ₁₀	1.95	101	90.0**
SO _x	0.037	0.113	0.0684
NO _x	6.30	18.9	18.9
CO	5.30	15.9	15.9
Cumene (98-82-8)	0.003	0.554	0.554
Ethyl Benzene (100-41-4)	0.006	0.440	0.440
Glycol Ether (111-46-6)	0.121	1.78	1.78
Lead	0.0000315	0.0000945	0.0000945
Methyl Isobutyl Ketone (108-10-1)	0.141	16.97	9.0***
Toluene (108-88-3)	0.175	10.97	9.0***
Xylenes (1330-20-7)	0.031	2.71	2.71
Combined HAPs	6.39	178	22.5****

* Source wide VOC emission limit: 90 tons/yr

** Source wide PM emission limit: 90 tons/yr

*** Source wide Single HAP emission limit: 9.0 tons/yr

**** Source wide Combined HAPs emission limit: 22.5 tons/yr

SOURCE PROCESS DESCRIPTION:

NACCO Materials Handling Group, Inc. in Berea, KY manufacturers forklift trucks.

EMISSION AND OPERATING CAPS DESCRIPTION:

Nine (9) tons/year of any one HAP.

Twenty-two and a half (22.5) tons/year for total HAPs.

Ninety (90) tons/year of total PM/PM₁₀

Ninety (90) tons/year of total VOCs.

To preclude applicability of 40 CFR 63 Subpart M and 401 KAR 59:225, New miscellaneous parts and products surface coating operations: